


MAR 29 2006

Serial No. 10/500,950

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Barbara Felton

**Attorney Docket No.: 100554-00068 (CARDM 19,258)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Niles TRALSHAWALA  
Serial No.: 10/500,950  
Filed: July 7, 2004  
Title: SUB-PICOTESLA MAGNETIC FIELD DETECTOR  
Examiner: Jay M. Patidar  
Group Art Unit: 2862  
Confirmation No.: 1493

March 29, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

SIR:

Applicants hereby petition for a three-month extension of time, a petition pursuant to 37 C.F.R. 1.136(a) and a requisite fee being enclosed.

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In response to the Office Action dated November 29, 2005, Applicants provisionally elect Group I identified by the Examiner—covered by claims 1-6 and 10-13—for prosecution, and respectfully traverse the Examiner's restriction requirement.

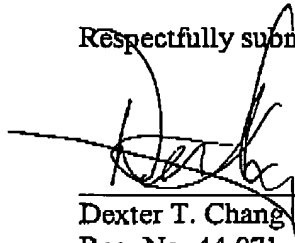
Applicants respectfully submit that the claims in the two Groups identified by the Examiner are directed to the single general inventive concept of reducing a radio frequency interference (RFI) into a superconducting quantum interference device (SQUID) through a gradiometer. Applicants refer to lines 3-4 of claim 1 and lines 5-6 of claim 7 for respective recitations of this general inventive concept.

Accordingly, Applicants respectfully request that the Examiner withdraw the restriction requirement.

Applicants reserve the right to file a continuing and/or divisional application directed to any of the non-elected claims. Early examination on the merits is earnestly solicited.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Account 50-1290.

Respectfully submitted,

  
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